

Environmental Protection Agency

The Environmental Protection Agency's (EPA) Environmental Chemistry Laboratory located at Stennis Space Center is a national program laboratory specializing in residue chemistry analysis under the jurisdiction of the EPA's Office of Pesticide Programs (OPP)/Biological and Economic Analysis Division in Washington, D.C.



The Environmental Protection Agency's Environmental Chemistry Laboratory is equipped with state-of-the-art sensitive and selective instrumentation, which is computerized and automated for efficiency and high sample output. Surface water, groundwater and sediment samples, as well as plant and animal tissue, are analyzed. The Office of Pesticide Programs uses the data to monitor and regulate the use of pesticides in the environment.

The laboratory's work supports the Federal Insecticide, Fungicide and Rodenticide Act and other federal antipollution laws. The laboratory analyzes environmental and human samples to determine the presence and amount of agricultural chemicals and related substances. It also performs validations of industry-submitted environmental chemistry methods for pesticides and has an internationally recognized dioxin laboratory.



Scientists work to identify pesticides in a soil sample.